

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	300	jitter adj buffer and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L2	31	L1 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L3	2	pre adj buffer and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L4	24	L2 and (VAD or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L5	5	L4 and receiver and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L6	35	antenna and transmitter and buffer and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L7	3	L6 and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31

## EAST Search History

L8	1095	buffer and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L9	18	L8 and antenna and receiver and packet and (VAD or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L10	18	L9 and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L11	18	L9 and buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L12	57	transmitter and antenna and (VAD or voice adj activity adj detector) and buffer not jitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L13	3	L12 and echo adj cancel\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L14	80	transmitter and antenna and (VAD or voice adj activity adj detect\$3) and (buffer not jitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31

## EAST Search History

L15	17	L14 and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L16	3	L14 and echo adj cancel\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L17	2	"6990194".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L18	157	buffer not jitter and (VAD or voice adj activity adj detector) and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L19	2	"6658027".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L20	2	pre adj buffer and (VAD or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L21	2	"6522746".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31

## EAST Search History

L22	2	"20020167911"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L23	2	"6522746".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L24	3	"6504838".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L25	6	(US-20050060149-\$ or US-20040252700-\$).did. or (US-7180892-\$ or US-6522746-\$ or US-6504838-\$ or US-5920834-\$ or US-7187656-\$ or US-6744757-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/15 16:31
L26	2	L25 and (VAD or voice adj activity adj detector) same delay	US-PGPUB; USPAT	OR	ON	2007/08/15 16:31
L27	34	09/522185	US-PGPUB; USPAT	OR	ON	2007/08/15 16:31
L28	1	"20040024760"	US-PGPUB; USPAT	OR	ON	2007/08/15 16:31
L29	1	"20050114118"	US-PGPUB; USPAT	OR	ON	2007/08/15 16:31
L30	2	"6744757".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L31	16196	buffer and jitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31

## EAST Search History

L32	11	L31 and antenna and receiver and transmitter and (VAD or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L33	2	("6744757").URPN.	USPAT	OR	ON	2007/08/15 16:31
L34	2	L25 and (VAD or voice adj activity adj detector) same (delay ir time or interval)	US-PGPUB; USPAT	OR	ON	2007/08/15 16:31
L35	565	receiver with (echo adj canceller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L36	660	transmitter with echo and (echo adj canceller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L37	21	L36 and (vad or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L38	13	antenna and transceiver and echo same reference and (vad or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L39	6	antenna and transceiver and echo same reference and (jitter adj buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31

## EAST Search History

L40	850	receiver same (echo adj canceller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L41	607	L40 and (signal same transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L42	34	L41 and (voice adj activity adj detector or VAD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L43	26	(antenna cell adj phone) and receiver and (vad or voice adj activity adj detector) and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L44	376	L35 and (signal with transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L45	15	L35 and (reference adj signal with transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L46	106	(antenna or wireless or cell adj phone) and receiver and (vad or voice adj activity adj detector) and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31

## EAST Search History

L47	50	L46 and echo adj canceller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L48	51	buffer adj10 (VAD or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
L49	855	transmitter same echo and (echo adj canceller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:31
S1	28	antenna and transmitter and buffer and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:20
S2	1	S1 and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 14:19
S3	282	jitter adj buffer and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 14:19
S4	14	S3 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:09

## EAST Search History

S6	10	S4 and (VAD or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 10:00
S7	1	S6 and receiver and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:15
S8	2	pre adj buffer and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:27
S9	1020	buffer and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 12:22
S10	17	S9 and antenna and receiver and packet and (VAD or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:19
S11	17	S10 and buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:19
S12	17	S10 and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:24



## EAST Search History

S13	54	transmitter and antenna and (VAD or voice adj activity adj detector) and buffer not jitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 07:55
S14	3	S13 and echo adj cancel\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 07:56
S15	2	"6990194".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 07:49
S16	77	transmitter and antenna and (VAD or voice adj activity adj detect\$3) and (buffer not jitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 07:56
S17	3	S16 and echo adj cancel\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 07:58
S18	17	S16 and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 09:44
S19	2	"20020167911"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 09:53

## EAST Search History

S20	2	"6658027".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 09:55
S21	2	"6522746".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 09:58
S22	2	"6522746".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 09:59
S23	3	"6504838".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 09:59
S24	2	pre adj buffer and (VAD or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 10:39
S25	151	buffer not jitter and (VAD or voice adj activity adj detector) and echo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 10:12
S26	15304	buffer and jitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 12:22

## EAST Search History

S27	10	S26 and antenna and receiver and transmitter and (VAD or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 09:40
S28	2	"6744757".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 12:33
S29	2	("6744757").URPN.	USPAT	OR	ON	2007/03/28 12:58
S32	8	(US-20050060149-\$ or US-20040252700-\$).did. or (US-7180892-\$ or US-6522746-\$ or US-6504838-\$ or US-5920834-\$ or US-7187656-\$ or US-6744757-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/28 13:07
S33	3	S32 and (VAD or voice adj activity adj detector) same delay	US-PGPUB; USPAT	OR	ON	2007/03/28 13:10
S35	4	S32 and (VAD or voice adj activity adj detector) same (delay ir time or interval)	US-PGPUB; USPAT	OR	ON	2007/03/28 13:48
S36	1	"20040024760"	US-PGPUB; USPAT	OR	ON	2007/03/28 13:59
S37	29	09/522185	US-PGPUB; USPAT	OR	ON	2007/03/28 14:08
S38	1	"20050114118"	US-PGPUB; USPAT	OR	ON	2007/03/28 14:08
S39	98	(antenna or wireless or cell adj phone) and receiver and (vad or voice adj activity adj detector) and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 10:05
S40	43	S39 and echo adj canceller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 09:42

## EAST Search History

S41	21	(antenna cell adj phone) and receiver and (vad or voice adj activity adj detector) and jitter adj buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 10:07
S42	50	buffer adj10 (VAD or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:12
S43	820	transmitter same echo and (echo adj canceller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:14
S44	639	transmitter with echo and (echo adj canceller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:20
S45	20	S44 and (vad or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:15
S46	550	receiver with (echo adj canceller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:23
S47	15	S46 and (reference adj signal with transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:22

## EAST Search History

S48	367	S46 and (signal with transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:22
S49	824	receiver same (echo adj canceller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:23
S50	587	S49 and (signal same transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:24
S51	31	S50 and (voice adj activity adj detector or VAD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:24
S52	5	antenna and transceiver and echo same reference and (jitter adj buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:43
S53	13	antenna and transceiver and echo same reference and (vad or voice adj activity adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:43